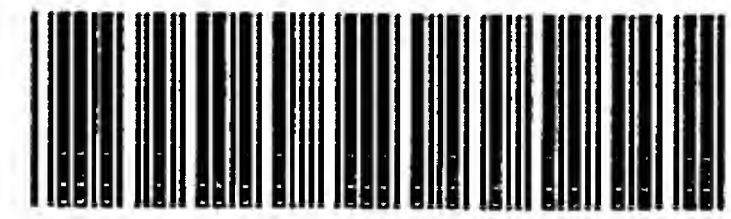


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/575,844
Source: JPM
Date Processed by STIC: 1/18/07

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IFWO

RAW SEQUENCE LISTING DATE: 01/18/2007
 PATENT APPLICATION: US/10/575,844 TIME: 11:24:49

Input Set : E:\22338-Sequence Listing.txt
 Output Set: N:\CRF4\01182007\J575844.raw

3 <110> APPLICANT: Roche Molecular Systems
 5 <120> TITLE OF INVENTION: Method for Distinguishing AML Subtypes with
 Recurring Genetic

6 Aberrations
 8 <130> FILE REFERENCE: 22338-US
 10 <140> CURRENT APPLICATION NUMBER: US 10/575,844
 C--> 11 <141> CURRENT FILING DATE: 2006-04-13
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012460
 14 <151> PRIOR FILING DATE: 2003-11-04
 16 <160> NUMBER OF SEQ ID NOS: 239
 18 <170> SOFTWARE: PatentIn version 3.4
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 491
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: misc_feature
 28 <223> OTHER INFORMATION: n = any nucleotide O/C
 30 <400> SEQUENCE: 1
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 35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtgggtgg aaatttcaga 180
 37 ggaggagccc ctggaatcg tggcgatat aataggaggg gcaacatgcc acagagaggt 240
 39 ggtggcggtg gaggaagtgg tggatatcgat tatccataacc ctcgtgcccc tgttttcct 300
 41 ggccgtggta gttactcaaa cagagggAAC tacaacagag gtggaatgcc caacagaggg 360
 43 aactacaacc agaacttcag aggacgagga aacaatcgat gctacaaaaa tcaatctcag 420
 45 ggctacaacc agtggcagca gggtaattc tgggtcaga agccatggag tcagcattat 480
 47 caccaaggat a 491
 50 <210> SEQ ID NO: 2
 51 <211> LENGTH: 307
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Homo sapiens
 55 <400> SEQUENCE: 2
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 58 cgctttctac actgtattac ataaataaat taaaataaat aaccccgggc aagacttttc 120
 60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca 180
 62 gattcaattt tcttaacca gtctgaagtt tcatttatga tacaaaagaa gataaaaatg 240
 64 gaagtggcaa tataagggta tgaggaaggc atgcctggac aaacccttct tttaaagatgt 300
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 70 <211> LENGTH: 519
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Homo sapiens
 74 <400> SEQUENCE: 3

RAW SEQUENCE LISTING DATE: 01/18/2007
PATENT APPLICATION: US/10/575,844 **TIME:** 11:24:49

Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

75	gtttggaact ttaatagcgt tgcaacgaaa tcctatatcc agtttcctgt aatttaattg	60
77	aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca	120
79	tgtactgtt atgattatca gaatatgtct taactttta gggcaaagtt aacactgaaa	180
81	gttctagctt aagtgttcaa acttttgaa gaaaaaaaaa tcactttga aactcagact	240
83	tcagtgtata cccaaataatt taaaattatg taaaatgtt taaaattgtg aactcgtaat	300
85	tactgttta atgattcagt ttcttcagag tgtaattgt ataaaattgc tattgcagct	360
87	ttatattcaa tatgtatgtgc ctgtaaacca aggagtttc cccgttgt aaaaagacatt	420
89	gtagataatt gaatgttga ttttagaaag gtcatttagtt ttttgtaca cattttgtta	480
91	gtctggttt tggcttat cgggttaat attgttctt	519
94	<210> SEQ ID NO: 4	
95	<211> LENGTH: 140	
96	<212> TYPE: DNA	
97	<213> ORGANISM: Homo sapiens	
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102	tctattctct aaataatgtat ggggctaagt tataccaaa gtcacttta caaaatattt	120
104	cctcagtaact ttgcagaaaa	140
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108	<211> LENGTH: 425	
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115	ccttttatac tgatctgtga ttaaaggcgt aatattttaa gatggactgg gaaaaacatc	120
117	aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatac ctgatgctgg	180
119	atggattaa tcttgttag tcttcaactg gttagtgta aatagttctg ccacccctgt	240
121	cgcaccactg ccaatgctgt acgtactgca tttgccctt gagccagggt gatgttacc	300
123	gtgtgttata taacttcctg gtccttcac tgaacatgcc tagtccaaca tttttccca	360
125	gtgagtcaca tcctggatc cagtgtataa atccaaatatac atgtctgtg cataattctt	420
127	ccaaa	425
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131	<211> LENGTH: 454	
132	<212> TYPE: DNA	
133	<213> ORGANISM: Homo sapiens	
135	<400> SEQUENCE: 6	
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138	gtgggtgtct tgtgtccgct tctcgccaa cagcagcaac cctatcatcg tctcctgtgg	120
140	ctgggacaag ctggtaaagg tatggAACCT ggctaactgc aagctgaaga ccaaccacat	180
142	tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc	240
144	tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaacc acctttacac	300
146	gctagatggt gggacatca tcaacgcct gtgcttcagc cctaaccgct actggctgt	360
148	tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgttagatga	420
150	actgaagcaa gaagttatca gtaccagcag caag	454
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154	<211> LENGTH: 373	
155	<212> TYPE: DNA	
156	<213> ORGANISM: Homo sapiens	
158	<400> SEQUENCE: 7	
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RAW SEQUENCE LISTING DATE: 01/18/2007
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Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

161	aggacggag ccggactgga catggtaact cagtaccgcc tgcagtgtcg ccatgactga	120
163	tcatggctct tgcattttg ggtaaatgga gacttccgga tcctgtcagg gtgtccccca	180
165	tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggcctcccct	240
167	tccctcaagc cagggctcct ctcctgtcg tggctcatt tgccaggctc aggccaggtc	300
169	tggacagctg tgactctcct caagccaggaa ctaccgacca gccggctatg ggcacattac	360
171	gtgaccactg gcc	373
174	<210> SEQ ID NO: 8	
175	<211> LENGTH: 494	
176	<212> TYPE: DNA	
177	<213> ORGANISM: Homo sapiens	
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182	ttccttagaga gcggtgccca agatggggca ggggatgttg acgacctcga ggacctcgaa	120
184	gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtcaa agatgaactg	180
186	taatacgcaa agccggaccc gggcgctgcc gagaccctc gggggctgca cacccagcag	240
188	cagcgcacgc ctccgaagcc tgccgcctcg cttgaaggag ggcgtcgccg gaaacccaag	300
190	gaacctctct gaagtgacac ctcaccccta cacaccgtcc gttcacccccc gtctcttcct	360
192	tctgctttc gtttttggaa aacccggat cctactctag gcagcccacc ttgggtggct	420
194	tgttcctga aaccatgatg tacttttca tacatgagtc tgtccagagt gcttgctacc	480
196	gtgttcggag tctc	494
199	<210> SEQ ID NO: 9	
200	<211> LENGTH: 434	
201	<212> TYPE: DNA	
202	<213> ORGANISM: Homo sapiens	
204	<400> SEQUENCE: 9	
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207	tcgtcatcg ctggatgatc gcacagactg tcactgtgt tgccgggtt acttcctatc	120
209	cattgacac cggtcgccgc cgcatgtga tgcagtcaagg ggcggaaactgacatca	180
211	tgtacacagg cacgcttgac tgctggcgga agattgtcg tcatgaagga ggcaagctt	240
213	tttcaaggg tgcatggtcc aatgttctca gaggcatggg tgggtctttt gtgttgtct	300
215	tgtatgatga aatcaagaag tacacataag ttatttccta ggattttcc ccctgtgaac	360
217	aggcatgttgc tattctataa cacaatcttgc agcatttttgc acagactcct ggctgtcagt	420
219	ttctcagtgg caac	434
222	<210> SEQ ID NO: 10	
223	<211> LENGTH: 416	
224	<212> TYPE: DNA	
225	<213> ORGANISM: Homo sapiens	
227	<400> SEQUENCE: 10	
228	gttggttcaa acttttggga gcacggactg tcagttctct ggaaagtggc cagcgcattcc	60
230	tgcaggcctt ctccctctct gtcttttggaa gaaaccaggc tcttctcagg ggctcttaggg	120
232	actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgttag aaagttgtaa	180
234	aatagaaaaaa gtggagttgg tgaatcggtt gttcttcct cacatttggaa tgattgtcat	240
236	aaggttttta gcatgttccct cttttcttc accctccctt ttgttcttctt attaatcaag	300
238	agaaacttca aagttaatgg gatggtcggaa tctcacaggc tgagaactcg ttcacccca	360
240	agcatttcat gaaaaagctg ctttttattttt atcataaaaaa ctctcaccat gatgtg	416
243	<210> SEQ ID NO: 11	
244	<211> LENGTH: 415	
245	<212> TYPE: DNA	
246	<213> ORGANISM: Homo sapiens	

RAW SEQUENCE LISTING
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Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

248 <400> SEQUENCE: 11	
249 accccttgtg aagcccaaga tcgtcaaaaa gagaaccaag aagttcatcc ggcaccagtc	60
251 agaccgatat gtcaaaatta agcgtaactg gcggaaaccc agaggcattg acaacagggt	120
253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt gtttatggaa gcaacaaaaaa	180
255 aacaaagcac atgctgccca gtggcttccg gaagttcctg gtccacaacg tcaaggagct	240
257 ggaagtgctg ctgatgtgca acaaatactt ctgtgccgag atcgctcaca atgtttcctc	300
259 caagaaccgc aaagccatcg tgaaaagagc tgcccaactg gccatcagag tcaccaaccc	360
261 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc	415
264 <210> SEQ ID NO: 12	
265 <211> LENGTH: 423	
266 <212> TYPE: DNA	
267 <213> ORGANISM: Homo sapiens	
269 <400> SEQUENCE: 12	
270 aataatttat tcccacatct acatcagtga aagctatcta cctatcctga gtctatctta	60
272 aaggaaaaaa agaaaaaaaaac ctatctttt gcccatttt tgaattttcc actctttcat	120
274 taatttgtt taagctcctg ttggaaaaaa agggttagtg cattttaaat tgaccttcat	180
276 acgcttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgt	240
278 taaaaccaat aaatttgtgt tactgcagta gtaatcttgc acacacggtg atttcatgtt	300
280 atatatgcaa agtaggcaac tggggatctt gttacagaag tttcaagctt cactttgtg	360
282 cagtagaaac aaaagttaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt	420
284 ttt	423
287 <210> SEQ ID NO: 13	
288 <211> LENGTH: 358	
289 <212> TYPE: DNA	
290 <213> ORGANISM: Homo sapiens	
292 <400> SEQUENCE: 13	
293 tgcttctgga cacctggac caggtcttg tctgggttgg aaaggattct caagaagaag	60
295 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggaccca gccaatcgaa	120
297 atcggcggac gcccattcacc gtggtaagc aaggcttga gcctccctcc tttgtggct	180
299 gttccttgg ctggatgtt gattacttgtt ctgtggaccc cttggacagg gccatggctg	240
301 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggAAC	300
303 tgtccttccc tcaaagaggc cttagagcga gcagagcagc tctgctatga gtgtgtgt	358
306 <210> SEQ ID NO: 14	
307 <211> LENGTH: 529	
308 <212> TYPE: DNA	
309 <213> ORGANISM: Homo sapiens	
311 <400> SEQUENCE: 14	
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316 agggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc	180
318 agaaacttaa ctctttgtt gcagatagtc atcagtggct ctgtaaaaac gcagagggaaa	240
320 agagccagaa gggttctgtt taatgcatttgccttattct ttttttattttt ctgtgtacaa	300
322 agatTTTTT acacaaagaa acttaatgtt gtattaataa attcagtgtg tagcttcaat	360
324 tggatagtt cccaaagtga agatTTTGTG aggaataagt gcaaattttt ttttttatttt	420
326 aaaaaattct ttgaaaactct taagtcttgc tgtctgcaat gaaattgtac tccttgacag	480
328 ttgatagatt atgtattctt ccattccctca aacttgcatt ccactatat	529
331 <210> SEQ ID NO: 15	
332 <211> LENGTH: 529	
333 <212> TYPE: DNA	

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Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

334 <213> ORGANISM: Homo sapiens
336 <400> SEQUENCE: 15
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339 ggctgcccga atttgtgcc aataagtacat ggtaaaaagt tgtggcaaag atggcttcca 120
341 tatccgggtg cggctccacc cttccacgt catccgcac aacaagatgt tgtcctgtgc 180
343 tggggctgac aggctccaaa caggcatgcg aggtgcctt ggaaagcccc agggcactgt 240
345 ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga 300
347 gcatgtgatt gagggcctgc gcagggccaa gttcaagtt cctggccgccc agaagatcca 360
349 catctcaaag aagtgggct tcaccaagtt caatgctgat gaatttgaag acatggtggc 420
351 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct 480
353 ggacaagtgg cggccctgc actcatgagg gcttccaatg tgctgcccc 529
356 <210> SEQ ID NO: 16
357 <211> LENGTH: 393
358 <212> TYPE: DNA
359 <213> ORGANISM: Homo sapiens
361 <400> SEQUENCE: 16
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364 gtgggctgct ctgttcataa gggcttgc ttcggtcagt atgttaatga gagaatgcc 120
366 cgggctgctg tagcaggaga ggatggcaga atgattgctg gccagggttt agatattaac 180
368 ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag 240
370 atgtacggct cctctttga cttggactat gactttcaac gggactatta tgataggatg 300
372 tacagttacc cagcacgtgt acctcctcct ctccttattg ctcgggctgt agtgcctcg 360
374 aaacgtcagc gtgtatcagg aaacacttca cga 393
377 <210> SEQ ID NO: 17
378 <211> LENGTH: 496
379 <212> TYPE: DNA
380 <213> ORGANISM: Homo sapiens
382 <400> SEQUENCE: 17
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385 gccaggtata atgttaacttc accccagcct ttgtactaag ctcttgcata tagtataact 120
387 ctttaagtt tagccccaaat ataggtaat ggaaatttcc tgccctctgg gttccccatt 180
389 tttactatta agaagaccag tgataattt ataatgccac caactctggc ttagttaagt 240
391 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc 300
393 cttatgttaa aatcatgcac ttgaaaagca aacctaattc tgcaaagaca gcagcaagca 360
395 ttatacggtc atcttgaatg atccctttga aattttttt ttgtttgtt gtttaatca 420
397 agcctgagggc tggtaacag tagtacaca cccatattgt gtgttctgtg aatgctagct 480
399 ctcttgaatt tggata 496
402 <210> SEQ ID NO: 18
403 <211> LENGTH: 534
404 <212> TYPE: DNA
405 <213> ORGANISM: Homo sapiens
407 <400> SEQUENCE: 18
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410 tccaggcagc caagaacttg atgaatgctg tggcagac agtgaaggca tcctacgtcg 120
412 cctctaccaa atacccaaag tcacaggta tggcttccct caaccttcct gctgtgtcat 180
414 ggaagatgaa ggcaccagag aaaaagccat tggtaagag agagaaacag gatgagacac 240
416 agaccaagat taaacggca tctcagaaga agcacgtgaa cccggcgcag gccctcagcg 300
418 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgccccca cccctcgggg 360
420 ctcctqaata tcaqtcactq ttcqtcactc aaatqaattt qctaaataca acactqatac 420

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/575,844

DATE: 01/18/2007
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Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY
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Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
M:341 Repeated in SeqNo=26
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
M:341 Repeated in SeqNo=33
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
M:341 Repeated in SeqNo=55
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
M:341 Repeated in SeqNo=165
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
M:341 Repeated in SeqNo=191
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
M:341 Repeated in SeqNo=216